

**Patent Claims**

1. Liquid concentrate for the preservation of cosmetic and pharmaceutical products based on 3-iodo-2-propynyl butylcarbamate (IPBC), characterized in that  
5 it, in addition to IPBC, comprises a liquid carrier chosen from polyvalent alcohols, glycol esters and glycol ethers or any mixture thereof and a stabilizer chosen from formic acid, formate salts and formate esters or any mixture thereof, no additional carboxylic  
10 acid chosen from benzoic acid, propionic acid, salicylic acid, sorbic acid, 4-hydroxybenzoic acid, dehydroacetic acid and 10-undecylenic acid or a salt thereof being present.
- 15 2. Liquid concentrate according to Claim 1, characterized in that it comprises, with reference to the total weight, 0.01 up to 20 weight% of IPBC, preferably 0.1 up to 5 weight% of IPBC, in particular 0.1 up to 2 weight% of IPBC and particularly preferably  
20 up to 1 weight% of IPBC.
3. Liquid concentrate according to Claim 1 or 2, characterized in that it comprises, as liquid carrier, a polyvalent alcohol, in particular a diol, preferably  
25 a glycol and more preferably ethylene glycol, 1,2-propylene glycol, 1,3-propylene glycol, 1,2-butylene glycol, 1,3-butylene glycol, 1,4-butylene glycol, 1,2-pentanediol, 1,3-pentanediol, 1,4-pentane-  
30 diol or 1,5-pentanediol, or a glycol ester or glycol ether, in particular an ethylene glycol, propylene glycol or butylene glycol, preferably diethylene glycol, triethylene glycol or a polyethylene glycol, or any mixture thereof, particularly preferably  
35 triethylene glycol or 1,2-propylene glycol.
4. Liquid concentrate according to Claim 1, 2 or 3, characterized in that it comprises, as stabilizer, formic acid, sodium formate, potassium formate, formic acid propylene glycol mono- or diester or formate

esters formed in situ or any mixture thereof, in particular formic acid.

5. Liquid concentrate according to Claim 4,  
5 characterized in that it comprises the stabilizer in an amount, with reference to the total weight, of 0.001 to 20 weight%, more preferably 0.05 to 10 weight%, particularly preferably 0.05 to 5 weight% and most preferably up to 2 weight%, less than 0.5 and in  
10 particular less than 0.2 weight% being particularly preferred.

6. Liquid concentrate according to one of Claims 1 to 5, characterized in that it comprises additional  
15 active agents, functional additives and/or auxiliaries.

7. Liquid concentrate according to Claim 6, characterized in that it comprises, as additional active agent, polybiguanide and/or a polybiguanide  
20 salt, preferably in an amount, with reference to the total weight, of 0.1 up to 20 weight%, more preferably up to 5 weight%, particularly preferably up to 2 weight% and most preferably up to 1 weight%.

8. Liquid concentrate according to Claim 7,  
25 characterized in that the weight ratio of IPBC to polybiguanide or polybiguanide salt is 100:1 to 1:100, preferably 10:1 to 1:10 and more preferably 1:2 to 2:1.

9. Liquid concentrate according to Claim 7 or 8,  
30 characterized in that the concentrate comprises  $\leq 1$  weight% of IPBC, in particular 1 weight%, and  $\leq 1$  weight% of polybiguanide/polybiguanide salt, in particular 0.95 weight%.

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10. Liquid concentrate according to one of Claims 1 to 9, characterized in that it is anhydrous or comprises water as auxiliary, the content of water then preferably, with reference to the total weight, being

0.01 up to 10 weight%, more preferably up to 5 weight%, more preferably still up to 4.5 or up to 4 weight%, particularly preferably up to 0.2 weight%.

5 11. Liquid concentrate according to one of Claims 1 to 10, characterized in that it comprises, as additional active agent, a paraben, in particular methyl-, ethyl-, propyl- or butylparaben, a quaternary ammonium compound, in particular polyhexamethylene-  
10 biguanide or a salt thereof, a benzalkonium salt, in particular benzalkonium chloride, formaldehyde or a formaldehyde-depositing compound or a salt thereof, in particular dimethyloldimethylhydantoin (DMDMH), imidazolidinylurea, diazolidinylurea, hexetidine,  
15 5-bromo-5-nitro-1,3-dioxane (bronidox), 2-bromo-2-nitro-1,3-propanediol (bronopol), 1,3,5,7-tetraazaadamantane (hexamethylenetetramine), 4,4-dimethyl-1,3-oxazolidine, benzyl alcohol hemiformal, 5-ethyl-1-aza-3,7-dioxabicyclo[3.3.0]octane, 1-(3-chloroallyl)-  
20 3,5,7-triaza-1-azoniaadamantane chloride or mixtures thereof, phenoxyethanol, phenoxypropanol, benzyl alcohol, a halogen compound, in particular dibromodicyanobutane (DBDCB), an amidine compound, in particular hexamidine or dibromohexamidine, or a salt  
25 thereof, or an isothiazolone, in particular N-methylisothiazolone or N-octylisothiazolone, or any mixture of the abovementioned compounds.

12. Process for the preparation of a liquid  
30 concentrate according to one of Claims 1 to 11, characterized in that the constituents are mixed with one another and the mixture is optionally subsequently held for 0.5 hour to 48 hours at a temperature of 30 to 70°C, in particular 30 up to 60°C, more preferably 30  
35 up to 50°C.

13. Use of a liquid concentrate according to one of the preceding claims in the preparation of cosmetic and pharmaceutical products.

14. Use of a liquid concentrate according to one of the preceding claims in the preservation of cosmetic and pharmaceutical products.